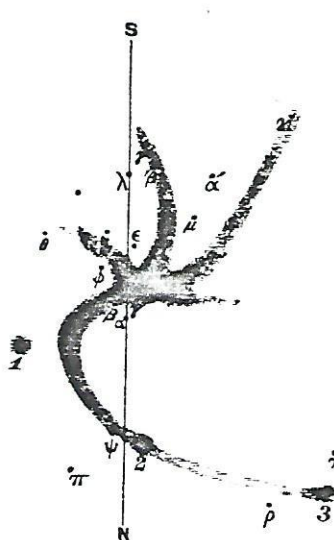


Number in Herschel's Catalogue.	Number of times observed.	Description.																																																																																	
113 } 114 } 115 } 121 }	2 1	Both have nuclei; "nova" near. Nov. 16, 1857. 113 is E. p. and f; * closely sp; 114 is R, with ragged edge and bM; "nova;" S; R; bM. Oct. 3, 1826. The p. one is a pB. S. disc in F. outlying neby. The f. one is R; bM.																																																																																	
116	1	Dec. 18, 1851. s. end of neb. is like a brush or broom with a split.																																																																																	
118 } 120 }	2	4 neb. found, 2 have nuclei. 118 is S; R; 120 has 2 *s on np. edge; E. p. and f.																																																																																	
119	1	Dec. 9, 1854. pL; pB; bM to a nucleus.																																																																																	
123	2	Sept. 18, 1857. Rough sketch made; mE. np, sf; a F. triple * f.																																																																																	
128	3	Nov. 28, 1856. L; B; mE; B. nucleus. "Nova" f.																																																																																	
131	27	<div> <div> Nov. 29, 1850. <table> <thead> <tr> <th></th><th>Pos.</th><th>Dist.</th></tr> </thead> <tbody> <tr><td>$\alpha\beta$</td><td>215°</td><td>0' 51"</td></tr> <tr><td>$\alpha\gamma$</td><td>163</td><td>0 56</td></tr> <tr><td>$\alpha\delta$</td><td>160</td><td>2 56</td></tr> <tr><td>$\alpha\epsilon$</td><td>178</td><td>3 07</td></tr> <tr><td>$\alpha\zeta$</td><td>192</td><td>3 44</td></tr> <tr><td>$\alpha\eta$</td><td>206</td><td>4 14</td></tr> <tr><td>$\alpha\theta$</td><td>224</td><td>4 58</td></tr> <tr><td>Dec. 27, 1850.</td><td></td><td></td></tr> <tr><td>$\alpha\mu$</td><td>147</td><td>5 34</td></tr> <tr><td>$\alpha\lambda$</td><td>179</td><td>5 56</td></tr> <tr><td>$\alpha\kappa$</td><td>201</td><td>5 42</td></tr> <tr><td>$\mu\nu$</td><td>143</td><td>6 28</td></tr> <tr><td>$\alpha\iota$</td><td>287</td><td>4 30</td></tr> <tr><td>Jan. 2, 1851.</td><td></td><td></td></tr> <tr><td>$\alpha\pi$</td><td>341</td><td>6 45</td></tr> <tr><td>$\alpha 2$</td><td>5</td><td>5 18</td></tr> <tr><td>$\alpha\psi$</td><td>357</td><td>4 42</td></tr> <tr><td>$\alpha 3$</td><td>51</td><td>11 0</td></tr> <tr><td>$\alpha\rho$</td><td>38</td><td>9 50</td></tr> <tr><td>$\alpha\tau$</td><td>58</td><td>11 16</td></tr> <tr><td>Dec. 23, 1851.</td><td></td><td></td></tr> <tr><td>$\alpha\omega$</td><td>161</td><td>5 20</td></tr> <tr><td>$\alpha x'$</td><td>149</td><td>6 53</td></tr> <tr><td>$\alpha\beta'$</td><td>172</td><td>6 32</td></tr> <tr><td>$\alpha\gamma'$</td><td>174</td><td>7 18</td></tr> <tr><td>$\alpha\phi$</td><td>205</td><td>2 22</td></tr> </tbody> </table> </div> <div>  </div> </div> <p>For previous observations see Transactions, Part II. 1850. Sept. 13, 1850. Large spiral full of knots; to nf. is a S. neb. B. which on a very good night might appear attached to spiral, than which it is brighter. Oct. 11, 1850. Spiral arrangement not clearly seen. Nov. 27, 1850. Arms of spiral scarcely seen; fog. Nov. 30, 1850. Spiral form very indistinct; wind very high from s. Oct. 22, 1851. Viewed for drawing, I should not have seen the spiral arrangement had I not observed it before. Oct. 25, 1851. Neby. extends for several minutes all round, perhaps for half a degree in radius. Oct. 29, 1851. Observed for drawing. Dec. 14, 1851. Sketched. Dec. 26, 1851. Drawn. Dec. 7, 1855. This neb. reaches in length through at least a field and a half of finder eyepiece. Mr. Stoney's drawing leaves out a great deal of the neby. about the centre, and * suspected to left of centre of the trapezium of *s, perhaps others also. Nov. 15, 1857. There are 3 *s about the principal nucleus. Dec. 7, 1857. Carefully observed, with a view to a new sketch. Dec. 18, 1857. Carefully observed, and my sketch proceeded with. See fig. 10, Plate XXVI.</p>		Pos.	Dist.	$\alpha\beta$	215°	0' 51"	$\alpha\gamma$	163	0 56	$\alpha\delta$	160	2 56	$\alpha\epsilon$	178	3 07	$\alpha\zeta$	192	3 44	$\alpha\eta$	206	4 14	$\alpha\theta$	224	4 58	Dec. 27, 1850.			$\alpha\mu$	147	5 34	$\alpha\lambda$	179	5 56	$\alpha\kappa$	201	5 42	$\mu\nu$	143	6 28	$\alpha\iota$	287	4 30	Jan. 2, 1851.			$\alpha\pi$	341	6 45	$\alpha 2$	5	5 18	$\alpha\psi$	357	4 42	$\alpha 3$	51	11 0	$\alpha\rho$	38	9 50	$\alpha\tau$	58	11 16	Dec. 23, 1851.			$\alpha\omega$	161	5 20	$\alpha x'$	149	6 53	$\alpha\beta'$	172	6 32	$\alpha\gamma'$	174	7 18	$\alpha\phi$	205	2 22
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132 } Nova. } 134 } 135 }	1	Nov. 28, 1856. B; S; R. nucleus, a * p. and another n.																																																																																	
136 } 142 }	2	Nov. 29, 1850. A S. neb. or cl. with 3 *s in it. $R 1^h 26^m$. N.P.D. $60^\circ 35'$. Oct. 26, 1854. Both S; R; B.																																																																																	
	8	Sought for four times; not found. Dec. 13, 1848. Rough sketch made. Spiral? Dec. 14, 1848. Confirmed last night's observation; feel confident it is a spiral. Oct. 24, 1851. Centre formed of *s; easily seen to be such; several *s through the neb.																																																																																	
143	1	Oct. 3, 1856. vS; F; R; bM; had a * close to n. edge.																																																																																	
147	2	Nov. 30, 1856. S; R; bM. to a nucleus.																																																																																	

520 PSC

M33

M74